

Compression Molding

Page 1 of 1

Composites / Plastics

Relat: **About**
Eq:
Manufacturers
Services
Software

**Welcome to About.com** What is About.com?

I'm Apply Now, your Guide to Composites / Plastics. If this Google search is not what you were looking for, you may want to see our other popular topics, such as [About Composites & Plastics](#), [How To](#), or [Materials and Distributors](#).

Apply Now

FREE Composites / Plastics Newsletter Enter email address **Compression Molding**[<Back to Last Page>](#) [<Glossary Home>](#) [<Random Word>](#)[<Preface>](#) [<Suggest a Word>](#) [<CRC Press Catalog>](#)[<Abbreviations/Acronyms>](#) [<Symbols>](#)

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Definition: A method of molding in which the molding material, generally preheated, is first placed in an open, heated mold cavity. The mold is closed with a top force or plug member, pressure is applied to force the material into contact with all mold areas, and heat and pressure are maintained until the molding material has cured. The process employs thermosetting resins in a partially cured stage, either in the form of granules, putty-like masses, or preforms. Compression molding is a high-volume, high-pressure method suitable for molding complex, high-strength fiberglass reinforcements. Advanced composite thermoplastics can also be compression molded with unidirectional tapes, woven fabrics, randomly orientated fiber mat or chopped strand. The advantage of compression molding is its ability to mold large, fairly intricate parts. Compression molding produces fewer knit lines and less fiber-length degradation than injection molding.

Definition Copyright ©1989 CRC Press LLC. All rights reserved.

Newsletters

Stay up-to-date!

Subscribe to newsletters

Tell us your email address:

- ☒ About
Composites / Plastics
- ☐ About Industry &
Business

[<Back to Last Page>](#) [<Glossary Home>](#) [<Random Word>](#)[<Preface>](#) [<Suggest a Word>](#) [<CRC Press Catalog>](#)[<Abbreviations/Acronyms>](#) [<Symbols>](#)

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

[Topic Index](#) | [Email to a Friend](#) | [Bookmark this Site](#) | [Make this Site Your Homepage!](#) | [Print this Page](#)[Our Story](#) | [Be a Guide](#) | [Advertising Info](#) | [Work at About](#) | [Site Map](#) | [Icons](#) | [Help](#)
[User Agreement](#) | [Ethics Policy](#) | [Patent Info](#) | [Privacy Policy](#) | [Kids' Privacy Policy](#)

©2006 About, Inc., A part of The New York Times Company. All rights reserved.

BEST AVAILABLE COPY